

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Judy Huang

Patent No.: :6,821,571 B2

Issued: Nov. 23, 2004

Serial No.: 09/336,525

Filed: June 18, 1999

For: Plasma Treatment to Enhance Adhesion and to Minimize Oxidation of Carbon-Containing Layers

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Group Art Unit: 1762

Examiner: Marianne L. Padgett

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

## REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting an error on page 2, U.S. Patent Documents section, of the printed patent.

Applicants submit that the error mentioned above was not by the Applicants, but was made during the printing of the patent. The error was an omission of the listing of a patent that was considered by the Examiner, as shown by the attached PTO form 1449 and Interview Summary.

Respectfully submitted,

  
Keith M. Tackett  
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Attorney for Applicant(s)

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : 6,821,571 B2

Page 1 of 1

APPLICATION NO. : 09/336,525

DATED : Nov. 23, 2004

INVENTOR(S) : Judy Huang

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

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On page 2, U.S. PATENT DOCUMENTS section, first column, in between the line:

"6,004,631 A \* 12/1999 Mori 427/534" and the line:

"6,528,116 B1 \* 3/2003 Pokharna et al 427/255.37"

please add "6,054,206 4/2000 Mountsier 428/312.8."

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Keith M. Tackett  
PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd., Suite 1500  
Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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| APPLICATION NO.                                                               | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-------------------------------------------------------------------------------|-------------|----------------------|---------------------|------------------|
| 09/336,525                                                                    | 06/18/1999  | JUDY HUANG           | AMAT/3577.X1/PD     | 7748             |
| 32588                                                                         | 7590        | 05/11/2006           | EXAMINER            |                  |
| APPLIED MATERIALS, INC.<br>2881 SCOTT BLVD. M/S 2061<br>SANTA CLARA, CA 95050 |             |                      | PADGETT, MARIANNE L |                  |
|                                                                               |             |                      | ART UNIT            | PAPER NUMBER     |
|                                                                               |             |                      | 1762                |                  |

DATE MAILED: 05/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                          |                     |              |
|--------------------------|---------------------|--------------|
| <b>Interview Summary</b> | Application No.     | Applicant(s) |
|                          | 09/336,525          | HUANG, JUDY  |
|                          | Examiner            | Art Unit     |
|                          | Marianne L. Padgett | 1762         |

COPY

All participants (applicant, applicant's representative, PTO personnel):

(1) Marianne L. Padgett. (3) \_\_\_\_\_

(2) Keith Tackett. (4) \_\_\_\_\_

Date of Interview: 09 May 2006.

Type: a) ☒ Telephonic b) ☐ Video Conference  
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
 If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: N/A.


Identification of prior art discussed: PN 6,054,206 to Mountsier.

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
**MARIANNE PADGETT**  
**PRIMARY EXAMINER**

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
 Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

#### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

**COPY**

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Post allowance communication- Mr. Tackett noted that in the 3/5/2001 IDS that the US reference to Mountsier had not been initialed nor lined through & wanted to know how this could be corrected as the issue fee had already been paid. The examiner noted that this appeared to be an oversight, and she would check further & supply a corrected PTO-1449, as appropriate. Review of the reference in EAST showed that it was a familar patent, with only minimal relavence to the allowed claims, as it is directed to silica formation with O-plasma post treatment, not SiC or SiCO layers, nor inert gas plasma treatments.

The Examiner notes the patent has already issued in Nov of 2004 as PN 6,821,571, so its printing is not effected, but an modified copy of the 3/5/01 IDS with the missing initial is being supplied to complete the record.

MLP 5/9/2006



X attached- modified copy of PTO-1449 of 3/05/2001.

Modified version

attach to ~~paper 4~~  
Sheet 1 of 1 sheets

|                                                                                                                                                                                                                                           |     |                                                      |            |                                |       |                  |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------|------------|--------------------------------|-------|------------------|---------------------------------------------------------------------|
| U.S. Department of Commerce, Patent and Trademark Office                                                                                                                                                                                  |     |                                                      |            | Document No.                   |       | Serial No.       |                                                                     |
| (PTO Form 1449 modified)                                                                                                                                                                                                                  |     |                                                      |            | AMAT/3577/DD/BCVD/JW           |       | 09/336,525       |                                                                     |
| SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS<br>CITED BY APPLICANT                                                                                                                                                                       |     |                                                      |            | Applicant<br>Judy Huang        |       | Confirmation No. |                                                                     |
| (Use several sheets if necessary)                                                                                                                                                                                                         |     |                                                      |            | Filing Date<br>March 18, 1999  |       | Group<br>1762    |                                                                     |
| Examiner M. Padgett                                                                                                                                                                                                                       |     |                                                      |            |                                |       |                  |                                                                     |
| U.S. Patent Documents                                                                                                                                                                                                                     |     |                                                      |            |                                |       |                  |                                                                     |
| *Examiner Initial                                                                                                                                                                                                                         |     | Document Number                                      | Issue Date | Applicant(s) Name              | Class | Subclass         | Filing Date If Appropriate                                          |
| 5/9/06<br>MPP                                                                                                                                                                                                                             | A1  | 6,054,206                                            | 04-25-2000 | Mountsier                      | 428   | 312.8            | 06-22-1998                                                          |
|                                                                                                                                                                                                                                           | A2  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A3  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A4  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A5  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A6  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A7  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A8  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A9  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A10 |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A11 |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A12 |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | A13 |                                                      |            |                                |       |                  |                                                                     |
| Foreign Patent Documents                                                                                                                                                                                                                  |     |                                                      |            |                                |       |                  |                                                                     |
| *Examiner Initial                                                                                                                                                                                                                         |     | Document Number                                      | Date       | Country                        | Class | Subclass         | Translation                                                         |
| 5/9/06<br>MPP                                                                                                                                                                                                                             | B1  | DE19654737A1                                         | 7-03-1997  | Germany                        |       |                  | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
|                                                                                                                                                                                                                                           | B2  |                                                      |            |                                |       |                  | YES <input type="checkbox"/> NO <input type="checkbox"/>            |
|                                                                                                                                                                                                                                           | B3  |                                                      |            |                                |       |                  | YES <input type="checkbox"/> NO <input type="checkbox"/>            |
|                                                                                                                                                                                                                                           | B4  |                                                      |            |                                |       |                  | YES <input type="checkbox"/> NO <input type="checkbox"/>            |
|                                                                                                                                                                                                                                           | B5  |                                                      |            |                                |       |                  | YES <input type="checkbox"/> NO <input type="checkbox"/>            |
| OTHER ART                                                                                                                                                                                                                                 |     |                                                      |            |                                |       |                  |                                                                     |
| *Examiner Initial                                                                                                                                                                                                                         |     | Including Author, Title, Date, Pertinent Pages, Etc. |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | C1  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | C2  |                                                      |            |                                |       |                  |                                                                     |
|                                                                                                                                                                                                                                           | C3  |                                                      |            |                                |       |                  |                                                                     |
| Examiner <i>M. Padgett</i>                                                                                                                                                                                                                |     |                                                      |            | Date Considered <i>5/16/01</i> |       |                  |                                                                     |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. |     |                                                      |            |                                |       |                  |                                                                     |